

=> perinuclear antineutrophil cytoplasmic autoantibody

L1	0	FILE 1MOBILITY
L2	0	FILE AGRICOLA
L3	0	FILE AQUASCI
L4	1	FILE BIOTECHNO
L5	0	FILE COMPENDEX
L6	0	FILE COMPUAB
L7	0	FILE CONFSCI
L8	0	FILE ELCOM
L9	0	FILE HEALSAFE
L10	0	FILE INSPEC
L11	0	FILE LIFESCI
L12	0	FILE OCEAN
L13	9	FILE PASCAL
L14	0	FILE POLLUAB
L15	0	FILE SOLIDSTATE

TOTAL FOR ALL FILES

L16 10 PERINUCLEAR ANTINEUTROPHIL CYTOPLASMIC AUTOANTIBODY

=> l16 and (fecal or stool or feces)

L17	0	FILE 1MOBILITY
L18	0	FILE AGRICOLA
L19	0	FILE AQUASCI
L20	0	FILE BIOTECHNO
L21	0	FILE COMPENDEX
L22	0	FILE COMPUAB
L23	0	FILE CONFSCI
L24	0	FILE ELCOM
L25	0	FILE HEALSAFE
L26	0	FILE INSPEC
L27	0	FILE LIFESCI
L28	0	FILE OCEAN
L29	0	FILE PASCAL
L30	0	FILE POLLUAB
L31	0	FILE SOLIDSTATE

TOTAL FOR ALL FILES

L32 0 L16 AND (FECAL OR STOOL OR FECES)

=> anti-neutrophil cytoplasmic antibodies

L33	0	FILE 1MOBILITY
L34	10	FILE AGRICOLA
L35	0	FILE AQUASCI
L36	149	FILE BIOTECHNO
L37	3	FILE COMPENDEX
L38	0	FILE COMPUAB
L39	16	FILE CONFSCI
L40	0	FILE ELCOM
L41	0	FILE HEALSAFE
L42	2	FILE INSPEC
L43	123	FILE LIFESCI
L44	0	FILE OCEAN
L45	239	FILE PASCAL
L46	0	FILE POLLUAB
L47	0	FILE SOLIDSTATE

TOTAL FOR ALL FILES

L48 542 ANTI-NEUTROPHIL CYTOPLASMIC ANTIBODIES

=> l48 and (fecal or stool or feces)

L49 0 FILE 1MOBILITY
 L50 0 FILE AGRICOLA
 L51 0 FILE AQUASCI
 L52 0 FILE BIOTECHNO
 L53 0 FILE COMPENDEX
 L54 0 FILE COMPUAB
 L55 0 FILE CONFSCI
 L56 0 FILE ELCOM
 L57 0 FILE HEALSAFE
 L58 0 FILE INSPEC
 L59 0 FILE LIFESCI
 L60 0 FILE OCEAN
 L61 1 FILE PASCAL
 L62 0 FILE POLLUAB
 L63 0 FILE SOLIDSTATE

TOTAL FOR ALL FILES

L64 1 L48 AND (FECAL OR STOOL OR FECES)

=> d l64 ibib abs total

L64 ANSWER 1 OF 1 PASCAL COPYRIGHT 2010 INIST-CNRS. ALL RIGHTS RESERVED. on STN

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TITLE (IN ENGLISH): Anti-neutrophil cytoplasmic antibodies in inflammatory bowel disease with special attention for IgA-class antibodies

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AB Perinuclear anti-neutrophil cytoplasmic antibodies (P-ANCA) of the IgG class have been reported in inflammatory bowel disease, mainly in ulcerative colitis. Since this disease affects the gastrointestinal tract, we determined whether IgA class ANCA were present in inflammatory bowel disease. We used an indirect immunofluorescence assay for IgG and IgA ANCA testing. Sera from 34 patients with Crohn's disease and 29 patients with ulcerative colitis were collected together with clinical and laboratory data. We found IgA class ANCA of a perinuclear type in 52% of patients with ulcerative colitis and in 9% of Crohn's disease patients. There was a significant association between the presence of IgA ANCA and the occurrence of blood in the feces in the ulcerative colitis group ($P = 0.03$). IgG ANCA was found in 56% of patients with ulcerative colitis and in 7% of patients with Crohn's disease. Because of partial overlap between IgG and IgA ANCA positivity, the sensitivity of ANCA testing in ulcerative colitis increased from 56% up to 78% by combining IgG and IgA assays. In conclusion, IgA ANCA occurs with a high prevalence in ulcerative colitis. Moreover there is a possible relationship between IgA ANCA and disease

activity in ulcerative colitis.